

IN THE CLAIMS:

*Kindly delete claim 2.*

*Kindly replace claims 1, 17, and 18 with the following corresponding replacement*

*claims:*

--1. (Amended) An inspection system comprising:

1314  
a remote controlled robotic vehicle including a sensor package for non-destructive inspection of a structure;

a control station that provides control data to the remote controlled robotic vehicle to guide the remote controlled robotic vehicle around the structure,

wherein the vehicle includes a low profile main chassis for maneuvering under portions of the structure to be inspected, an extendable mast fixedly coupled to the main chassis, the extendable mast being extendable substantially perpendicularly to the main chassis, and an articulating arm coupled to the mast.

Sub  
C4  
B/E  
--17. (Amended) An inspection system as claimed in claim 1, wherein the control station prepares an inspection plan based on a digitized map of the structure to be inspected and defines a path that the robotic vehicle will travel around the structure based on the inspection plan.

18. (Amended) An inspection system as claimed in claim 1, wherein the control station performs analysis of data generated by the sensor package to identify anomalies in the structure being inspected.--

*Kindly add new claims 19 and 20 as follows:*

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--19. (New) An inspection system according to claim 1, wherein the height of the main chassis is less than one meter.

20. (New) An inspection system according to claim 19, wherein the vehicle includes two motor driven wheels and a free castor arranged in a triangular arrangement.--